### SEVENTH APPROXIMATION DATA FORM FOR CONVENTIONAL ASSESSMENT UNITS (NOGA, Version 5, 6-30-01)

#### **IDENTIFICATION INFORMATION**

Assessment Geologist:	M.A. Kirschb						8/21/2002
Region:	North Americ	ca					5
Province:	Southwestern Wyoming					Number:	5037
Total Petroleum System:	Mowry Composite					Number:	503702
Assessment Unit:	Mowry Conv	entional Oil ai	nd Gas			Number:	50370201
Based on Data as of:	NRG 2001 (d	data current th	rough 1999	9), PI/Dwights	2001, WG	A Guideboo	ks
Notes from Assessor	NRG Reserv	oir Lower 48	growth fund	tion			
	CHARA	ACTERISTICS	OF ASSE	SSMENT UNI	г		
Oil (<20,000 cfg/bo overall) o	<u>r</u> Gas ( <u>&gt;</u> 20,00	00 cfg/bo ove	rall):	Gas			
What is the minimum accumul (the smallest accumulation that			0.5 to reserve	mmboe grov s in the next 30			
No. of discovered accumulation	ns exceedina	minimum size	e:	Oil:	11	Gas:	29
Established (>13 accums.)	_	rontier (1-13 ad		_		I (no accums.	
		`	,		,,	` -	,
Median size (grown) of discov	ered oil accun	nulation (mmb	00):				
		1st 3rd	8	2nd 3rd	0.85	3rd 3rd	
Median size (grown) of discov	ered gas accu	•	cfg):				
		1st 3rd	37.2	2nd 3rd _	9.5	3rd 3rd	30.6
Assessment-Unit Probabiliti		or an undisco	vered accu		-	of occurren	ce (0-1.0) 1.0
2. ROCKS: Adequate reservo	•					-	1.0
3. TIMING OF GEOLOGIC EV	<b>/ENTS</b> : Favo	rable timing for	or an undis	covered accum	n. <u>&gt;</u> minim	um size	1.0
Assessment-Unit GEOLOGI	C Probability	(Product of 1	I, 2, and 3):			1.0	
4. ACCESSIBILITY: Adequa	te location to	allow explorat	ion for an i	ındiscovered a	ccumulati	on	
> minimum size							1.0
<u> </u>						-	
No. of Undiscovered Accum	<b>ulations:</b> Ho	-	scovered ac			in. size?:	
Oil Accumulations:	min. no. (	(>0)	1	median no.	3	max no.	7
Gas Accumulations:		` '	3	median no	14	max no.	22
Sizes of Undiscovered Accu				vn) of the above vered accumul		?:	
Oil in Oil Accumulations (mmb	o):min.	size	0.5	median siz	1.5	max. size	20
Gas in Gas Accumulations (bo	,		3	median siz	12	max. size	80
(4.1	<b>C</b> ,						<del>-</del>

### AVERAGE RATIOS FOR UNDISCOVERED ACCUMS., TO ASSESS COPRODUCTS

(uncertainty of fixed but unknown values)

minimum	median	maximum
842	1684	2526
70	140	210
minimum	median	maximum
10	20	30
		S
erties of undiscovered	accumulations)	
minimum	median	maximum
17.5	38	47
0.1	0.2	0.5
3650	4250	4875
minimum	median	maximum
0.1	4	
	I	20
0.2	0.6	3.2
0.2	0	3.2
0.2		3.2
	minimum 10  A FOR UNDISCOVER erties of undiscovered minimum 17.5 0.1 3650	minimum median 10 20  A FOR UNDISCOVERED ACCUMULATIONS erties of undiscovered accumulations) minimum median 17.5 38 0.1 0.2 3650 4250

### ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO STATES

**Surface Allocations** (uncertainty of a fixed value)

1. Colorado	represents_	20.32	_areal % of the total ass	essment unit
Oil in Oil Fields: Richness factor (unitless multiplier):		minimum	median	maximum
Volume % in parcel (areal % x richness			33	
Portion of volume % that is offshore (0-1			0	
Gas in Gas Fields: Richness factor (unitless multiplier):		minimum	median	maximum
Volume % in parcel (areal % x richness			<del></del> 5	
Portion of volume % that is offshore (0-1			0	
0 116-1		0.07		
2. Utah	represents_	2.07	_areal % of the total ass	essment unit
Oil in Oil Fields: Richness factor (unitless multiplier):		minimum	median	maximum 
Volume % in parcel (areal % x richness				
Portion of volume % that is offshore (0-1	00%)		0	
Gas in Gas Fields: Richness factor (unitless multiplier):		minimum	median	maximum
Volume % in parcel (areal % x richness				
Portion of volume % that is offshore (0-1				
3. Wyoming	represents _	77.61	areal % of the total ass	essment unit
Oil in Oil Fields: Richness factor (unitless multiplier):		minimum	median	maximum
Volume % in parcel (areal % x richness			17	
Portion of volume % that is offshore (0-1			0	
	_			
Gas in Gas Fields:		minimum	median	maximum
Richness factor (unitless multiplier): Volume % in parcel (areal % x richness			90	
Portion of volume % that is offshore (0-1			0	
Follion of volume % that is dishole (0-				
4	represents_		areal % of the total ass	essment unit
Oil in Oil Fields:		minimum	median	maximum
Richness factor (unitless multiplier):				
Volume % in parcel (areal % x richness	factor):			
Portion of volume % that is offshore (0-1	00%)			
Con in Con Fields:		minim		ma a vilma vilma
Gas in Gas Fields:		minimum	median	maximum
Richness factor (unitless multiplier):				
Volume % in parcel (areal % x richness Portion of volume % that is offshore (0-1				-
. S. Son S. Volanie / Chiacle Chonolog (C	/ - /			

5represents_		areal % of the total assessment unit			
Oil in Oil Fields:	minimum	median	maximum		
Richness factor (unitless multiplier):		_			
Volume % in parcel (areal % x richness factor):		<u> </u>			
Portion of volume % that is offshore (0-100%)					
Gas in Gas Fields:	minimum	median	maximum		
Richness factor (unitless multiplier):		<u> </u>			
\\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					
Portion of volume % that is offshore (0-100%)		_			
6represents_		areal % of the total asses	ssment unit		
011. 011.51.11					
Oil in Oil Fields:	minimum	median	maximum		
Richness factor (unitless multiplier):		<del></del>			
Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)		<del></del>	-		
Portion of volume % that is dishore (0-100%)		_			
Gas in Gas Fields:	minimum	median	maximum		
Diobnoco factor (unitlese multiplier):			maximum		
Volume % in parcel (areal % x richness factor):					
Portion of volume % that is offshore (0-100%)					
		<del>_</del>			
7represents_		areal % of the total asses	ssment unit		
Oil in Oil Fields:	minimum	median	maximum		
Volume % in parcel (areal % x richness factor):					
Portion of volume % that is offshore (0-100%)					
		_			
Gas in Gas Fields:	minimum	median	maximum		
Richness factor (unitless multiplier):		<u> </u>			
Volume % in parcel (areal % x richness factor):		<del></del>			
Portion of volume % that is offshore (0-100%)		_			
8represents_		areal % of the total asses	ssment unit		
Oil in Oil Fields:	minimum	median	maximum		
Disharas forton (social social della dishara	miniman		maximam		
Volume % in parcel (areal % x richness factor):					
Portion of volume % that is offshore (0-100%)					
·		<u> </u>			
Gas in Gas Fields:	minimum	median	maximum		
Richness factor (unitless multiplier):					
Volume % in parcel (areal % x richness factor):		_			
Portion of volume % that is offshore (0-100%)					

## ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO LAND ENTITIES Surface Allocations (uncertainty of a fixed value)

1. Federal Lands	represents _	63.35	_areal % of the tota	ai assessmen	t unit
Oil in Oil Fields: Richness factor (unitless multiplier):		minimum	med	lian	maximum
Volume % in parcel (areal % x richness			70	0	
Portion of volume % that is offshore (0-			0		
Gas in Gas Fields: Richness factor (unitless multiplier):		minimum	med	lian	maximum
Volume % in parcel (areal % x richness			45	5	
Portion of volume % that is offshore (0-7			0		
2. Private Lands	represents_	31.98	_areal % of the tota	al assessmen	t unit
Oil in Oil Fields: Richness factor (unitless multiplier):		minimum			maximum
Volume % in parcel (areal % x richness					
Portion of volume % that is offshore (0-	100%)		0	<u> </u>	
Gas in Gas Fields: Richness factor (unitless multiplier):		minimum	med	lian	maximum
Volume % in parcel (areal % x richness				<del>3</del>	
Portion of volume % that is offshore (0-	100%)		0		
3. Tribal Lands	represents_		_areal % of the tota	al assessmen	t unit
Oil in Oil Fields: Richness factor (unitless multiplier):		minimum	med 	lian	maximum
Volume % in parcel (areal % x richness Portion of volume % that is offshore (0-			_		_
Torust of volume // unacto enemore (e	_				
Gas in Gas Fields:		minimum	med	lian	maximum
Richness factor (unitless multiplier):					
Volume % in parcel (areal % x richness					
Portion of volume % that is offshore (0-	100%)		_		
4. Other Lands	represents_	0.38	_areal % of the tota	al assessmen	t unit
Oil in Oil Fields:		minimum	med	lian	maximum
Richness factor (unitless multiplier):	<u> </u>		<u></u>		
Volume % in parcel (areal % x richness			0	<u> </u>	
Portion of volume % that is offshore (0-	100%)		0	<u> </u>	
Gas in Gas Fields:		minimum	med	lian	maximum
Richness factor (unitless multiplier):		-			
Volume % in parcel (areal % x richness				<u> </u>	
Portion of volume % that is offshore (0-				<del></del>	

5.	CO State Lands	represents_	1.30	areal % of the total assessn	nent unit
Oil	in Oil Fields:		minimum	median	maximum
	Richness factor (unitless multiplier):				
	/olume % in parcel (areal % x richness			2	
	Portion of volume % that is offshore (0-			0	
Ga	s in Gas Fields:		minimum	median	maximum
	Richness factor (unitless multiplier):				
	/olume % in parcel (areal % x richness	footor):			
	Portion of volume % that is offshore (0			0	
6.	UT State Lands	_represents_	0.17	areal % of the total assessn	nent unit
Oil	in Oil Fields:		minimum	median	maximum
	Richness factor (unitless multiplier):				
	/olume % in parcel (areal % x richness	footor):		1	
	Portion of volume % that is offshore (0-				
Ga	s in Gas Fields:		minimum	median	maximum
	Richness factor (unitless multiplier):				maximam
	olume % in parcel (areal % x richness)	factor):		1	
	Portion of volume % that is offshore (0-	· · · · · · · · · · · · · · · · · · ·			
•	or their or verame ye that to other ore	_			
7.	WY State Lands	_represents_	2.81	areal % of the total assessn	nent unit
Oil	in Oil Fields:		minimum	median	maximum
	Richness factor (unitless multiplier):				
\	olume % in parcel (areal % x richness)	s factor):		<u> </u>	
F	Portion of volume % that is offshore (0-	-100%)		0	
Ga	s in Gas Fields:		minimum	median	maximum
	Richness factor (unitless multiplier):				
	olume % in parcel (areal % x richness)	footor):		<u></u>	
F	Portion of volume % that is offshore (0-			0	
8.		_represents_		areal % of the total assessn	nent unit
Oil	in Oil Fields:		minimum	median	maximum
	Richness factor (unitless multiplier):				
	olume % in parcel (areal % x richness)	- ft\.			
F	Portion of volume % that is offshore (0	-100%)			
Ga	s in Gas Fields:		minimum	median	maximum
	Richness factor (unitless multiplier):				
ί.	/olume % in parcel (areal % x richness	s factor):		<del></del>	
	Portion of volume % that is offshore (0-	_		<del>-</del>	

9represents		areal % of the total assessment unit			
Oil in Oil Fields: Richness factor (unitless multiplier):	minimum	median	maximum		
Volume % in parcel (areal % x richness factor):					
Portion of volume % that is offshore (0-100%)		<u> </u>			
Gas in Gas Fields:	minimum	median	maximum		
\\aligned \text{\langer} \lang					
Portion of volume % that is offshore (0-100%)					
r stasti si velame 70 anatie shenere (s 18878)					
10represents		areal % of the total asse	ssment unit		
Oil in Oil Fields:	minimum	median	maximum		
Richness factor (unitless multiplier):		_			
Volume % in parcel (areal % x richness factor):		_			
Portion of volume % that is offshore (0-100%)					
Gas in Gas Fields:	minimum	median	maximum		
Dichnose factor (unitless multiplier):			maximam		
Volume % in parcel (areal % x richness factor):					
Derties of values of that is offshare (0.4000/)					
11. represents		areal % of the total asse	ssment unit		
TO PROGRAG			oomone ame		
Oil in Oil Fields:	minimum	median	maximum		
Richness factor (unitless multiplier):		_			
		_			
Portion of volume % that is offshore (0-100%)					
Gas in Gas Fields:	minimum	median	maximum		
Richness factor (unitless multiplier):	minimu	median	maximum		
Volume % in parcel (areal % x richness factor):		<del></del>			
Portion of volume % that is offshore (0-100%)					
12. represents		areal % of the total asse	ssment unit		
		<del></del>			
Oil in Oil Fields:	minimum	median	maximum		
Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):					
Portion of volume % that is offshore (0-100%)					
1 Statistic of volume // that is offshore (0-100/0)					
Gas in Gas Fields:	minimum	median	maximum		
Richness factor (unitless multiplier):					
Volume % in parcel (areal % x richness factor):		_			
Portion of volume % that is offshore (0-100%)					

## ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO FEDERAL LAND SUBDIVISIONS Surface Allocations (uncertainty of a fixed value)

1. Bureau of Land Management (BLM) represents	53.48	areal % of the total assessment	unit
Oil in Oil Accumulations: Richness factor (unitless multiplier):	minimum	median	maximum
Volume % in parcel (areal % x richness factor):		59.09	
Portion of volume % that is offshore (0-100%)		0	
Gas in Gas Accumulations: Richness factor (unitless multiplier):	minimum	median	maximum
Volume % in parcel (areal % x richness factor):		37.99	
Portion of volume % that is offshore (0-100%)			
2. BLM Wilderness Areas (BLMW) represents		areal % of the total assessment	unit
Oil in Oil Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):	minimum		maximum
Portion of volume % that is offshore (0-100%)			
Gas in Gas Accumulations: Richness factor (unitless multiplier):	minimum	median	maximum
Volume % in parcel (areal % x richness factor):			
Portion of volume % that is offshore (0-100%)		<u> </u>	
		<del></del>	
3. BLM Roadless Areas (BLMR) represents		areal % of the total assessment	unit
Oil in Oil Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):			
Volume % in parcel (areal % x richness factor):		<u> </u>	
Portion of volume % that is offshore (0-100%)		<u> </u>	
Gas in Gas Accumulations: Richness factor (unitless multiplier):	minimum	median	maximum
Valuma 0/ in parcel (areal 0/ y richness factor):			
Portion of volume % that is offshore (0-100%)			
4. National Park Service (NPS) represents	0.17	areal % of the total assessment	unit
Oil in Oil Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):			
Volume % in parcel (areal % x richness factor):		0.18	
Portion of volume % that is offshore (0-100%)		0	
Gas in Gas Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):			
Volume % in parcel (areal % x richness factor):		0.12	
Portion of volume % that is offshore (0-100%)		0	· <del>-</del>

5. NPS Wilderness Areas (NPSW) represents		areal % of the total assessmer	nt unit
Oil in Oil Accumulations: Richness factor (unitless multiplier):	minimum	median	maximum
Volume % in parcel (areal % x richness factor):			
Portion of volume % that is offshore (0-100%)			
Gas in Gas Accumulations:	minimum	median	maximum
		<u> </u>	-
Volume % in parcel (areal % x richness factor):		<u> </u>	
Portion of volume % that is offshore (0-100%)		<del>_</del>	
6. NPS Protected Withdrawals (NPSP) represents		areal % of the total assessmen	nt unit
Oil in Oil Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):		<u> </u>	-
		<u> </u>	
Portion of volume % that is offshore (0-100%)		<u> </u>	
Gas in Gas Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):			
Valuma 0/ in parcal (areal 0/ y richness factor):			
Portion of volume % that is offshore (0-100%)		<u> </u>	
7. <u>US Forest Service (USFS)</u> represents	7.72	areal % of the total assessmen	nt unit
Oil in Oil Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):		<u></u>	
Volume % in parcel (areal % x richness factor):		8.53	
Portion of volume % that is offshore (0-100%)			
Gas in Gas Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):		<u></u>	
Volume % in parcel (areal % x richness factor):		E 10	
Portion of volume % that is offshore (0-100%)		0	
8. <u>USFS Wilderness Areas (USFSW)</u> represents	0.54	areal % of the total assessmen	nt unit
Oil in Oil Accumulations:	minimum	median	maximum
Dishage feeter (veitless equitiplies).			
Valuma 0/ in parcal (areal 0/ y richness factor):		0.60	
Portion of volume % that is offshore (0-100%)		0	
Gas in Gas Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):			
Volume % in parcel (areal % x richness factor):		0.38	
Portion of volume % that is offshore (0-100%)		0	

9. <u>USFS Roadless Areas (USFSR)</u> represents_		areal % of the total assessmen	t unit
Oil in Oil Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	median	maximum
Gas in Gas Accumulations:  Pichness factor (unitless multiplier):	minimum	<u> </u>	maximum
10. <u>USFS Protected Withdrawals (USFSF</u> represents _		areal % of the total assessmen	t unit
Oil in Oil Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	median	maximum
Gas in Gas Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	<u> </u>	maximum
11. US Fish and Wildlife Service (USFWS represents	0.08	areal % of the total assessmen	t unit
Oil in Oil Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	0.00	maximum
Gas in Gas Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	0.06 0	maximum
12. <u>USFWS Wilderness Areas (USFWSW</u> represents _		areal % of the total assessmen	t unit
Oil in Oil Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum		maximum
Gas in Gas Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	median	maximum

13. <u>USFWS Protected Withdrawals (USF)</u> represents _	areal % of the total assessment unit			
Oil in Oil Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	_	maximum	
Gas in Gas Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	<u> </u>	maximum	
14. Wilderness Study Areas (WS) represents		areal % of the total assessmer	t unit	
Oil in Oil Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	median 	maximum	
Gas in Gas Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	_	maximum	
15. Department of Energy (DOE) represents		areal % of the total assessmen	t unit	
Oil in Oil Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	_	maximum	
Gas in Gas Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	median	maximum	
16. Department of Defense (DOD) represents		areal % of the total assessmer	t unit	
Oil in Oil Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum		maximum	
Gas in Gas Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	median	maximum	

17. Bureau of Reclamation (BOR) represents	1.37	areal % of the total assessment	unit
Oil in Oil Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):			
Volume % in parcel (areal % x richness factor):		1 51	
Portion of volume % that is offshore (0-100%)			
Gas in Gas Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):			
Volume % in parcel (areal % x richness factor):		0.07	
Portion of volume % that is offshore (0-100%)		0	
18. Tennessee Valley Authority (TVA) represents		areal % of the total assessment	unit
Oil in Oil Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):			
Volume % in parcel (areal % x richness factor):			
Portion of volume % that is offshore (0-100%)			
Gas in Gas Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):			
Volume % in parcel (areal % x richness factor):			
Portion of volume % that is offshore (0-100%)			
19. Other Federal represents		areal % of the total assessment	unit
Oil in Oil Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):			
Volume % in parcel (areal % x richness factor):			
Portion of volume % that is offshore (0-100%)			
Gas in Gas Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):			
Volume % in parcel (areal % x richness factor):		<del></del>	
Portion of volume % that is offshore (0-100%)			
20represents _		areal % of the total assessment	unit
Oil in Oil Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):		<u></u>	
Volume % in parcel (areal % x richness factor):			
Portion of volume % that is offshore (0-100%)		_	
Gas in Gas Accumulations:	minimum	median	maximum
Richness factor (unitless multiplier):			
Volume % in parcel (areal % x richness factor):			
Portion of volume % that is offshore (0-100%)			

## ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO ECOSYSTEMS Surface Allocations (uncertainty of a fixed value)

Bear Lake (BRLK)	represents_	1.04	areal % of the total assessment unit			
Oil in Oil Accumulations:		minimum	media	an	maximum	
Richness factor (unitless multiplier):		mmmam	modit	A11	maximam	
Volume % in parcel (areal % x richr						
Portion of volume % that is offshore	_					
	_					
Gas in Gas Accumulations:		minimum	media	an	maximum	
Richness factor (unitless multiplier):						
Volume % in parcel (areal % x richr						
Portion of volume % that is offshore	. (0-100%)		0			
2. Central Basin and Hills (CNBH)	represents_	4.57	_areal % of the tota	l assessment u	nit	
Oil in Oil Accumulations:		minimum	media	an	maximum	
Richness factor (unitless multiplier):						
Volume % in parcel (areal % x richr	ness factor):		<u> </u>			
Portion of volume % that is offshore	(0-100%)		0			
Gas in Gas Accumulations:		minimum	media	an	maximum	
Richness factor (unitless multiplier):						
Volume % in parcel (areal % x richr						
Portion of volume % that is offshore	_					
	·					
3. Greater Green River Basin (GGR	<u>(V)</u> represents	72.99	_areal % of the tota	l assessment u	nit	
Oil in Oil Accumulations:		minimum	media	an	maximum	
Richness factor (unitless multiplier):			<u> </u>			
Volume % in parcel (areal % x richr	ness factor):		61			
Portion of volume % that is offshore	e (0-100%)		0			
Gas in Gas Accumulations:		minimum	media	an	maximum	
Richness factor (unitless multiplier):						
Volume % in parcel (areal % x richr			85			
Portion of volume % that is offshore			0			
4. North-Central Highlands (NCHL)	represents_	8.86	areal % of the tota	l assessment u	nit	
Oil in Oil Accumulations:		minimum	media	an	maximum	
Richness factor (unitless multiplier):			modit	A11	maximam	
Volume % in parcel (areal % x richr						
Portion of volume % that is offshore			0			
	· <u>-</u>			<del>_</del>		
Gas in Gas Accumulations:		minimum	media	an	maximum	
Richness factor (unitless multiplier):						
Volume % in parcel (areal % x richn						
Portion of volume % that is offshore	: (U-TUU%)		0			

5. Overthrust Mountains (OVMT) represents	5.95	areal % of the total assessment unit
Oil in Oil Accumulations:	minimum	median maximum
Richness factor (unitless multiplier):		
Volume % in parcel (areal % x richness factor):		
Portion of volume % that is offshore (0-100%)		
Gas in Gas Accumulations:	minimum	median maximum
Richness factor (unitless multiplier):		
Portion of volume % that is offshore (0-100%)		
6. Tavaputs Plateau (TPPT) represents	0.36	areal % of the total assessment unit
Oil in Oil Accumulations:	minimum	median maximum
Richness factor (unitless multiplier):		
Volume % in parcel (areal % x richness factor):		1
Portion of volume % that is offshore (0-100%)		0
Gas in Gas Accumulations:	minimum	median maximum
Richness factor (unitless multiplier):	minimum	median maximum
Volume % in parcel (areal % x richness factor):		
Portion of volume % that is offshore (0-100%)		
Tortion of volume // that is offshore (0-100/0)		
7. <u>Uinta Mountains (UTMT)</u> represents	6.13	areal % of the total assessment unit
Oil in Oil Accumulations:	minimum	median maximum
Richness factor (unitless multiplier):		<u> </u>
Volume % in parcel (areal % x richness factor):		
Portion of volume % that is offshore (0-100%)		
Gas in Gas Accumulations:	minimum	median maximum
Richness factor (unitless multiplier):		
Volume % in parcel (areal % x richness factor):		6
Portion of volume % that is offshore (0-100%)		0
8. Wind River Mountain (WRMT) represents	0.09	areal % of the total assessment unit
Oil in Oil Accumulations:	minimum	median maximum
Richness factor (unitless multiplier):		
Volume % in parcel (areal % x richness factor):		
Portion of volume % that is offshore (0-100%)		
<u> </u>		
Gas in Gas Accumulations:	minimum	0median maximum
Gas in Gas Accumulations:  Richness factor (unitless multiplier):		median maximum
Gas in Gas Accumulations:		

9represents_		areal % of the total assessm	nent unit
Oil in Oil Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	median	maximum
Gas in Gas Accumulations:  Richness factor (unitless multiplier):	minimum		maximum
10represents _		areal % of the total assessm	nent unit
Dortion of values of that is affabase (0.4000/)	minimum		maximum
Gas in Gas Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	<u> </u>	maximum
11represents_		areal % of the total assessm	nent unit
Oil in Oil Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum		maximum
Volume % in parcel (areal % x richness factor):	minimum		maximum
12represents _		areal % of the total assessm	nent unit
Oil in Oil Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	<u> </u>	maximum
Gas in Gas Accumulations:  Richness factor (unitless multiplier):  Volume % in parcel (areal % x richness factor):  Portion of volume % that is offshore (0-100%)	minimum	median	maximum 

#### ALLOCATIONS OF POTENTIAL ADDITIONS TO RESERVES TO LAND ENTITIES Subsurface Allocations (uncertainty of a fixed value)

ва	sed on Data as of:						
1	All Federal Subsurface	represents		areal % of t	the total asse	ssment unit	
١.	All I ederal Subsulface	_represents_		arear 70 Or 1	ine iolai asse	SSITIETIL UTILL	
	in Oil Accumulations: Richness factor (unitless multiplier):		minimum		median	maxim	um
	/olume % in parcel (areal % x richness						
	Portion of volume % that is offshore (0-	_		<u> </u>		-	
F	ns in Gas Accumulations: Richness factor (unitless multiplier):	_	minimum		median	max 	imum
	/olume % in parcel (areal % x richness	s factor):					
F	Portion of volume % that is offshore (0-	·100%)					
2.	Other Subsurface	_represents_		_areal % of t	the total asse	ssment unit	
	in Oil Accumulations: Richness factor (unitless multiplier):		minimum	_	median	maxim	um
	/olume % in parcel (areal % x richness	s factor):					
F	Portion of volume % that is offshore (0-	·100%)					
	as in Gas Accumulations: Richness factor (unitless multiplier):		minimum		median	max	imum
	/olume % in parcel (areal % x richness						
F	Portion of volume % that is offshore (0-						